

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Ft. Collins, Colorado 80527-2400

PATENT APPLICATION *1Pw*  
ATTORNEY DOCKET NO. 100202598-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Steven J. Simske, et al.

Confirmation No.: TBD

Application No.: 10/679,154

Examiner: TBD

Filing Date: 10/03/2003

Group Art Unit: TBD

Title: System and Method of Specifying Image Document Layout Definition

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ( ) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:  
(X) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e)(1) or (2), and  
( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 02/02/2005

OR

( ) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_  
Number of pages: \_\_\_\_\_

Typed Name: Mayrion A. Washington

Signature: Mayrion A. Washington

Respectfully submitted,

Steven J. Simske, et al.

By James L Baudino

James L Baudino

Attorney/Agent for Applicant(s)

Reg. No. **43,486**

Date: **02/02/2005**

Telephone No.: **(214) 855-7544**

HEWLETT-PACKARD COMPANY  
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P. O. Box 272400  
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PATENT APPLICATION

ATTORNEY DOCKET NO. 100202598-1



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Seven J. Simske, et al.

Confirmation No.: TBD

Application No.: 10/679,154

Examiner: TBD

Filing Date: 10/03/2003

Group Art Unit: TBD

Title: System and Method of Specifying Image Document Layout Definition

Mail Stop Amendment  
Commissioner for Patents  
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STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- ( ) No item of information contained in the Information Disclosure Statement
  - was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

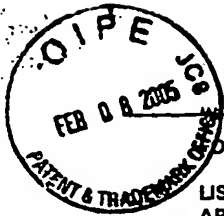
Respectfully submitted,  
Seven J. Simske, et al.

By James L. Baudino  
James L. Baudino

Attorney/Agent for Applicant(s)  
Reg. No. 43,486

Date: 02/02/2005

Telephone No.: (214) 855-7544



## PATENT APPLICATION

Page 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

100202598-1

APPLICATION NO.

10/679,154

CONFIRMATION NO.

TBD

APPLICANT

Steven J. Simske, et al.

FILING DATE

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GROUP

TBD

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
JB	1A	5,317,680	05/31/1994	Ditter, Jr.	
	1B				
	1C				
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

JB	1Q	Altamura et al, "Transforming paper documents into XML format with WISDOM+ + " [online], 11/7/2000, International Journal on Document Analysis and Recognition. Available from <a href="http://www.di.uniba.it/~malerba/publications/ijdar.pdf">http://www.di.uniba.it/~malerba/publications/ijdar.pdf</a> [Accessed 9/11/2004] (Pages 1-17)
JB	1R	Ford et al, "Ground truth data for document image analysis" [online], 3/24/2003, Communications Engineering Branch; Available from: <a href="http://archive.nlm.nih.gov/pubs/ford/groundTruthData/gtd.php">http://archive.nlm.nih.gov/pubs/ford/groundTruthData/gtd.php</a> [Accessed 9/11/2004] (pages 1-10)
JB	1S	Klink et al, "Document Structure Analysis Based on Layout and Textual Features" [online], 2000 (see <a href="http://dbis.uni-trier.de/Mitarbeiter/klink_files/www/Publikationen_en.html">http://dbis.uni-trier.de/Mitarbeiter/klink_files/www/Publikationen_en.html</a> ). Available from: <a href="http://dbis.uni-trier.de/Mitarbeiter/klink_files/www/Postscript/DAS2000-ReviewVersion.pdf">http://dbis.uni-trier.de/Mitarbeiter/klink_files/www/Postscript/DAS2000-ReviewVersion.pdf</a> [Acc'd 9/11/2004] (16 pages)

EXAMINER

/James Blackwell/ (02/28/2006)

DATE CONSIDERED

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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

JB	1Q	UK Search Report dated November 18, 2004 (4 pages)
	1R	
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EXAMINER

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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

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"Express Mail" label no. EV 349707659 US

Date of Deposit October 3, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Vikki R. Colvin

Respectfully submitted,

Steven J. Simske

By

Wei Wei Jeang

Attorney/Agent for Applicant(s)

Reg. No. 33,305

Date: October 3, 2003

Telephone No.: (214) 855-7510

**PATENT APPLICATION**

Sheet 1 of 3

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR</b> <b>APPLICANT'S INFORMATION DISCLOSURE</b> <b>STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> <b>100202598-1</b>	<b>APPLICATION NO.</b>	<b>CONFIRMATION NO.</b>
	<b>APPLICANT</b> <b>Steven J. Simske, et al.</b>		
	<b>FILING DATE</b> <b>October 3, 2003</b>	<b>GROUP</b>	

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
JB	1A	5,596,655	Jan. 21, 1997	Lopez	
JB	1B	6,151,426	Nov. 21, 2000	Lee et al.	
	1C				
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	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

JB	1Q	KITTLER, Josef, et al., "On Combining Classifiers," Institute of Electrical and Electronic Engineers Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, No. 3, March, 1998, pages 226-239.
JB	1R	JAIN, Anil K., "Document Representation and Its Application to Page Decomposition," Institute of Electrical and Electronic Engineers Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, No. 3, March, 1998, pages 294-308.
JB	1S	World Wide Web, <a href="http://documents.cfar.umd.edu/resources/source/ppanther/gkpr.html">http://documents.cfar.umd.edu/resources/source/ppanther/gkpr.html</a> , "GroundsKeeper," Greg Arzoomanian, et al., printed on 04/29/2003, 1 page.

EXAMINER  
/James Blackwell/ (02/28/2006)

DATE CONSIDERED  
02/28/2006

**PATENT APPLICATION**

Sheet 2 of 3

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR</b> <b>APPLICANT'S INFORMATION DISCLOSURE</b> <b>STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>100202598-1</b>	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT <b>Steven J. Simske, et al.</b>		
	FILING DATE <b>October 3, 2003</b>	GROUP	

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JB	2Q	World Wide Web, <a href="http://documents.cfar.umd.edu/resources/source/ppanther/rdiff.html">http://documents.cfar.umd.edu/resources/source/ppanther/rdiff.html</a> , "RDIFF - Region Description Information File Format," printed on 04/29/2003, 1 page.
JB	2R	World Wide Web, <a href="http://documents.cfar.umd.edu/resources/source/ppanther/gkpr_doc.html">http://documents.cfar.umd.edu/resources/source/ppanther/gkpr_doc.html</a> , "GroundsKeeper," printed on 04/29/2003, 6 pages.
JB	2S	World Wide Web, <a href="http://documents.cfar.umd.edu/resources/source/ppanther/gkpr_snapshot.html">http://documents.cfar.umd.edu/resources/source/ppanther/gkpr_snapshot.html</a> , "GroundsKeeper snapshot," printed on 04/29/2003, 1 page.

EXAMINER  
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**PATENT APPLICATION**

Sheet 3 of 3

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR</b> <b>APPLICANT'S INFORMATION DISCLOSURE</b> <b>STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> <b>100202598-1</b>	<b>APPLICATION NO.</b>	<b>CONFIRMATION NO.</b>
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**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)**

JB	3Q	World Wide Web, <a href="http://h20015.www2.hp.com/en/document.jhtml?lc=en&amp;docName=bps03642">http://h20015.www2.hp.com/en/document.jhtml?lc=en&amp;docName=bps03642</a> , "HP ScanJet 5300C Series Scanners - Automatically Detecting Regions Using PrecisionScan Software," printed on 06/10/2003, 3 pages.
JB	3R	World Wide Web, <a href="http://h20015.www2.hp.com/en/document.jhtml?lc=en&amp;docName=bps02468">http://h20015.www2.hp.com/en/document.jhtml?lc=en&amp;docName=bps02468</a> , "HP ScanJet 5100C Scanner Family - PrecisionScan, Scanning a Black-and-White Drawing or Logo," printed on 06/10/2003, 3 pages.
	3S	

<b>EXAMINER</b> /James Blackwell/ (02/28/2006)	<b>DATE CONSIDERED</b> 02/28/2006
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